

Abstract:

The invention relates to an internally cooled strand-guiding roll, preferably for a continuous casting installation, having a central rotatable shaft (1) and at least one roll shell (4) which is supported fixed against rotation on this shaft. To make the strand-guiding roll better able to withstand the mechanical and thermal stresses, to ensure that it is suitable for large strand widths and to enable maintenance work to be carried out more cost-effectively, it is proposed that the roll shell has coolant passages (22, 22a, 22b, 22c) passing through it, and the coolant passages are arranged in the roll shell at a constant distance from the cylindrical roll shell outer surface of the roll shell. It is preferable for at least one water guide ring (5) to be arranged between the roll shell and the central shaft.

(Figure 1)